

CLAIMS

1. A vehicle glazing panel comprising

- (i) an electrically heatable radiation-reflective coating layer,
- 5 (ii) at least two bus bars adapted to relay electrical power to the coating layer, and
- (iii) at least a window in the coating layer, permeable to electromagnetic radiations,

10 which, when submitted to a power of 1000 W/m² during 4 minutes, presents in a portion of the glazing panel delimited by the bus bars and not including the bus bars tips and their close periphery, a maximum temperature and a minimum temperature, characterised in that the difference between the maximum temperature of the glazing panel with the window and the maximum temperature of the same glazing panel without window does not
15 exceed 25°C.

2. A vehicle glazing panel in accordance with claim 1, in which the difference between the maximum temperature of the glazing panel with the window and the maximum temperature of the same glazing panel without window does not exceed 15°C.

20 3. A vehicle glazing panel in accordance with claim 1 or claim 2, in which the difference between the maximum temperature and the minimum temperature of the glazing panel does not exceed 35°C.

4. A vehicle glazing panel in accordance with claim 3, in which the difference between the maximum temperature and the minimum temperature of the
25 glazing panel does not exceed 20°C.

5. A vehicle glazing panel in accordance with any preceding claim, in which the window is a disk wherein no coating layer is present.

6. A vehicle glazing panel in accordance with claim 5, in which the window has a diameter comprised between 30 and 80 mm.
7. A vehicle glazing panel in accordance with claim 5 or claim 6, in which the window has a diameter comprised between 40 and 70 mm.
- 5 8. A vehicle glazing panel in accordance with claims 1 to 4, in which the window is a substantially circular zone without coating layer having an area of between 7 and 50 cm².
9. A vehicle glazing panel in accordance with claim 8, in which the window has an area of between 12 and 40 cm².
- 10 10. A vehicle glazing panel in accordance with any preceding claim, comprising two windows permeable to electromagnetic radiations, in which the two windows are separated by a distance of at least 100 mm.
11. A vehicle glazing panel in accordance with claim 10, in which the two windows are separated by a distance comprised between 150 and 500 mm.
- 15 12. A vehicle glazing panel in accordance with claims 1 to 7, comprising three windows permeable to electromagnetic radiations, in which one window is substantially a rectangle with rounded corners wherein no coating layer is present.
13. A vehicle glazing panel in accordance with claims 12, in which the
20 substantially rectangular window has a size in the range of 50 to 100 mm width and 25 to 75 mm high.
14. A vehicle glazing panel in accordance with any preceding claim, in which the window permeable to electromagnetic radiations is entirely surrounded by the electrically heatable radiation-reflective coating layer.

15. A vehicle glazing panel in accordance with claims 1 to 4, in which the window is a zone wherein the coating layer is absent from a pattern of dots arranged linearly or in alternate rows.
- 5 16. A vehicle glazing panel in accordance with claim 15, in which the dots without the coating layer have diameters of at least 5 mm.
17. A vehicle glazing panel in accordance with any preceding claim in which the glazing panel is an automotive windscreen.
- 10 18. A method of reducing the phenomena of hot spots in a glazing panel provided with an electrically heatable radiation-reflective coating layer and at least a window in the coating layer, permeable to electromagnetic radiations, by adjusting the design and size of the window as claimed in any of claims 5 to 16.